

WEST Search History

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DATE: Thursday, January 13, 2005

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>
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DB=PGPB,USPT,EPAB; PLUR=YES; OP=OR

- | | | |
|--------------------------|-----|--|
| <input type="checkbox"/> | L19 | l17 and l12 |
| <input type="checkbox"/> | L18 | L17 and l11 |
| <input type="checkbox"/> | L17 | l4 and l5 |
| <input type="checkbox"/> | L16 | (l4 and l5)! [CCLS] |
| <input type="checkbox"/> | L15 | (l4 and l5) [CCLS] |
| <input type="checkbox"/> | L14 | L13 and prodrug |
| <input type="checkbox"/> | L13 | L12 and l11 |
| <input type="checkbox"/> | L12 | NRH |
| <input type="checkbox"/> | L11 | NQO2 |
| <input type="checkbox"/> | L10 | l5 and L9 |
| <input type="checkbox"/> | L9 | L8 or l7 |
| <input type="checkbox"/> | L8 | (424/78.14)! [CCLS] |
| <input type="checkbox"/> | L7 | (514/183,485)! [CCLS] |
| <input type="checkbox"/> | L6 | carboxamidomethyl adj dihydronicotinamide |
| <input type="checkbox"/> | L5 | CB1954 or (CB-1954) or (CB 1954) |
| <input type="checkbox"/> | L4 | knox.in. |
| <input type="checkbox"/> | L3 | knox |
| <input type="checkbox"/> | L2 | burke.in. |
| <input type="checkbox"/> | L1 | ("4440859" "4530901" "4582800" "4677063" "4678751" "4704362" "4710463" "4757006" |

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 13:58:35 ON 13 JAN 2005)

FILE 'MEDLINE' ENTERED AT 13:58:56 ON 13 JAN 2005

L1 119 S CB1954 OR CB 1954 OR CB-1954
L2 1 S (BURKE)/AU
L3 0 S (KNOX)/AU
L4 47 S CARBOXAMIDOMETHYL
L5 0 S L4 AND L1
L6 158 S NRH OR NQO2
L7 0 S L6 AND L4
L8 0 S L7 AND L1
L9 6 S L6 AND L1

FILE 'PCTFULL' ENTERED AT 14:01:53 ON 13 JAN 2005

L10 87 S CB1954 OR CB 1954 OR CB-1954
L11 162 S CARBOXAMIDOMETHYL
L12 1 S L10 AND L11
L13 384 S NRH OR NQO2
L14 4 S L13 AND L10

=> file medline
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FILE 'MEDLINE' ENTERED AT 13:58:56 ON 13 JAN 2005

FILE LAST UPDATED: 12 JAN 2005 (20050112/UP). FILE COVERS 1950 TO DATE.

On December 19, 2004, the 2005 MeSH terms were loaded.

Warning: The search L-number/HUMAN limit is missing from records indexed with the new 2005 MeSH (records added since December 19, 2004). Until this is corrected, include HUMANS/CT and 20041219-20051231/ED in searches to limit results to humans for this time period.

OLDMEDLINE now back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2005 vocabulary. See <http://www.nlm.nih.gov/mesh/> and http://www.nlm.nih.gov/pubs/techbull/nd03/nd03_mesh.html for a description of changes.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s cb1954 or cb 1954 or cb-1954
      60 CB1954
      5998 CB
      1543 CBS
      7367 CB
          (CB OR CBS)
      4061 1954
          59 CB 1954
              (CB(W) 1954)
      5998 CB
      1543 CBS
      7367 CB
          (CB OR CBS)
      4061 1954
          59 CB-1954
              (CB(W) 1954)
L1      119 CB1954 OR CB 1954 OR CB-1954
```

```
=> s (burke)/au
L2      1 (BURKE)/AU
```

```
=> s (knox)/au
L3      0 (KNOX)/AU
```

```
=> s carboxamidomethyl
L4      47 CARBOXAMIDOMETHYL
```

```
=> s l4 and l1
L5      0 L4 AND L1
```

```
=> s nrh or nqo2
      138 NRH
      2 NRHS
      139 NRH
          (NRH OR NRHS)
      39 NQO2
L6      158 NRH OR NQO2
```

=> s 16 and 14
L7 0 L6 AND L4

=> s 17 and 11
L8 0 L7 AND L1

=> s 16 and 11
L9 6 L6 AND L1

=> d ibib 1-3

L9 ANSWER 1 OF 6 MEDLINE on STN
ACCESSION NUMBER: 2003467935 MEDLINE
DOCUMENT NUMBER: PubMed ID: 14529407
TITLE: CB 1954: from the Walker tumor to
NQO2 and VDEPT.
AUTHOR: Knox Richard J; Burke Philip J; Chen Shiuan; Kerr David J
CORPORATE SOURCE: Enact Pharma PLC, Porton Down Scientific Park, Salisbury,
Wiltshire, UK.. rknox@enactpharma.com
SOURCE: Current pharmaceutical design, (2003) 9 (26) 2091-104.
Ref: 98
Journal code: 9602487. ISSN: 1381-6128.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200402
ENTRY DATE: Entered STN: 20031008
Last Updated on STN: 20040221
Entered Medline: 20040220

L9 ANSWER 2 OF 6 MEDLINE on STN
ACCESSION NUMBER: 2002612877 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12369976
TITLE: Aerobic nitroreduction by flavoproteins: enzyme structure,
mechanisms and role in cancer chemotherapy.
AUTHOR: Skelly J V; Knox R J; Jenkins T C
CORPORATE SOURCE: School of Chemical and Life Sciences, University of
Greenwich, Wellington Street, Woolwich, London, SE18 6PF,
UK.. j.v.skelly@gre.ac.uk
SOURCE: Mini reviews in medicinal chemistry, (2001 Sep) 1 (3)
293-306. Ref: 97
Journal code: 101094212. ISSN: 1389-5575.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200210
ENTRY DATE: Entered STN: 20021010
Last Updated on STN: 20021031
Entered Medline: 20021030

L9 ANSWER 3 OF 6 MEDLINE on STN
ACCESSION NUMBER: 2000410320 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10945627
TITLE: Bioactivation of 5-(aziridin-1-yl)-2,4-dinitrobenzamide (
CB 1954) by human NAD(P)H quinone
oxidoreductase 2: a novel co-substrate-mediated antitumor
prodrug therapy.
AUTHOR: Knox R J; Jenkins T C; Hobbs S M; Chen S; Melton R G; Burke

CORPORATE SOURCE: P J
 Enact Pharma Plc, Salisbury, United Kingdom..
 rknow@enactpharma.com
 CONTRACT NUMBER: CA33572 (NCI)
 SOURCE: Cancer research, (2000 Aug 1) 60 (15) 4179-86.
 Journal code: 2984705R. ISSN: 0008-5472.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200008
 ENTRY DATE: Entered STN: 20000907
 Last Updated on STN: 20000907
 Entered Medline: 20000831

=> d ibib 4-6

L9 ANSWER 4 OF 6 MEDLINE on STN
 ACCESSION NUMBER: 1998035822 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 9367528
 TITLE: Catalytic properties of NAD(P)H:quinone oxidoreductase-2 (NQO2), a dihydronicotinamide riboside dependent oxidoreductase.
 AUTHOR: Wu K; Knox R; Sun X Z; Joseph P; Jaiswal A K; Zhang D; Deng P S; Chen S
 CORPORATE SOURCE: Division of Immunology, Beckman Research Institute of the City of Hope, Duarte, California 91010, USA.
 CONTRACT NUMBER: CA33572 (NCI)
 CA44735 (NCI)
 ES07943 (NIEHS)
 SOURCE: Archives of biochemistry and biophysics, (1997 Nov 15) 347 (2) 221-8.
 Journal code: 0372430. ISSN: 0003-9861.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199712
 ENTRY DATE: Entered STN: 19980109
 Last Updated on STN: 19980109
 Entered Medline: 19971215

L9 ANSWER 5 OF 6 MEDLINE on STN
 ACCESSION NUMBER: 93080655 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 1449531
 TITLE: Potentiation of CB 1954 cytotoxicity by reduced pyridine nucleotides in human tumour cells by stimulation of DT diaphorase activity.
 AUTHOR: Friedlos F; Biggs P J; Abrahamson J A; Knox R J
 CORPORATE SOURCE: Molecular Pharmacology Unit, Institute of Cancer Research, Sutton, Surrey, U.K.
 SOURCE: Biochemical pharmacology, (1992 Nov 3) 44 (9) 1739-43.
 Journal code: 0101032. ISSN: 0006-2952.
 PUB. COUNTRY: ENGLAND: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199212
 ENTRY DATE: Entered STN: 19930129
 Last Updated on STN: 19970203
 Entered Medline: 19921230

L9 ANSWER 6 OF 6 MEDLINE on STN

ACCESSION NUMBER: 92378681 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 1387314
 TITLE: Metabolism of NAD(P)H by blood components. Relevance to
 bioreductively activated prodrugs in a targeted enzyme
 therapy system.
 AUTHOR: Friedlos F; Knox R J
 CORPORATE SOURCE: Molecular Pharmacology Unit, Institute of Cancer Research,
 Surrey, U.K.
 SOURCE: Biochemical pharmacology, (1992 Aug 18) 44 (4) 631-5.
 Journal code: 0101032. ISSN: 0006-2952.
 PUB. COUNTRY: ENGLAND: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199209
 ENTRY DATE: Entered STN: 19921009
 Last Updated on STN: 19970203
 Entered Medline: 19920921

=> d his

(FILE 'HOME' ENTERED AT 13:58:35 ON 13 JAN 2005)

FILE 'MEDLINE' ENTERED AT 13:58:56 ON 13 JAN 2005

L1 119 S CB1954 OR CB 1954 OR CB-1954
 L2 1 S (BURKE)/AU
 L3 0 S (KNOX)/AU
 L4 47 S CARBOXAMIDOMETHYL
 L5 0 S L4 AND L1
 L6 158 S NRH OR NQO2
 L7 0 S L6 AND L4
 L8 0 S L7 AND L1
 L9 6 S L6 AND L1

=> file pctfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.92	3.13

FILE 'PCTFULL' ENTERED AT 14:01:53 ON 13 JAN 2005

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FILE LAST UPDATED: 12 JAN 2005 <20050112/UP>
 MOST RECENT UPDATE WEEK: 200501 <200501/EW>
 FILE COVERS 1978 TO DATE

>>> As of update 01/2004 the Designated States field (DS)
 has been enhanced to accommodate additional information
 provided by WIPO pertaining to application kind for
 regional and international designated states. Due to the
 change in DS display format postprocessing the data may
 be affected but search and SDI procedures will not have
 to be adjusted.
 See HELP CHANGE for further information <<<

>>> IMAGES ARE AVAILABLE ONLINE AND FOR EMAIL-PRINTS <<<

=> s cb1954 or cb 1954 or cb-1954
 45 CB1954
 15343 CB
 3545 CBS
 18404 CB
 (CB OR CBS)

4851 1954
50 CB 1954
(CB(W)1954)

15343 CB
3545 CBS
18404 CB
(CB OR CBS)

4851 1954
66 CB-1954
(CB(W)1954)

L10 87 CB1954 OR CB 1954 OR CB-1954

=> s carboxamidomethyl
L11 162 CARBOXAMIDOMETHYL

=> s l10 and l11
L12 1 L10 AND L11

=> d ibib

L12 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2005 Univentio on STN
ACCESSION NUMBER: 1998057662 PCTFULL ED 20020514
TITLE (ENGLISH): THERAPEUTIC SYSTEMS
TITLE (FRENCH): SYSTEMES THERAPEUTIQUES
INVENTOR(S): BURKE, Philip, John;
KNOX, Richard, John
PATENT ASSIGNEE(S): ENZACTA R & D LIMITED;
BURKE, Philip, John;
KNOX, Richard, John
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE

WO 9857662	A2	19981223

DESIGNATED STATES
W: CA GB JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE

APPLICATION INFO.: WO 1998-GB1731 A 19980615
PRIORITY INFO.: GB 1997-9712370.7 19970614

=> s nrh or ngo2
377 NRH
5 NRHS
381 NRH
(NRH OR NRHS)
6 NQO2
L13 384 NRH OR NQO2

=> s l13 and l10
L14 4 L13 AND L10

=> d ibib 1-2

L14 ANSWER 1 OF 4 PCTFULL COPYRIGHT 2005 Univentio on STN
ACCESSION NUMBER: 2000073479 PCTFULL ED 20020515
TITLE (ENGLISH): A COMBINED GROWTH FACTOR-DELETED AND THYMIDINE
KINASE-DELETED VACCINIA VIRUS VECTOR
TITLE (FRENCH): VECTEUR DU VIRUS DE LA VACCINE COMBINANT DELETION DU
FACTEUR DE CROISSANCE ET DELETION DE THYMIDINE KINASE
INVENTOR(S): MCCART, J., Andrea;
BARTLETT, David, L.;
MOSS, BernardRP : NATAUPSKY, Steven, J.

PATENT ASSIGNEE(S): THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as
represented by THE SECRETARY, DEPARTMENT OF HEALTH AND
HUMAN SERVICES;
MCCART, J., Andrea;
BARTLETT, David, L.;
MOSS, Bernard

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2000073479	A1	20001207

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ
TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM
GA GN GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2000-US14679 A 20000526

PRIORITY INFO.: US 1999-60/137,126 19990528

L14 ANSWER 2 OF 4

ACCESSION NUMBER: 2000013683 PCTFULL ED 20020515
TITLE (ENGLISH): NOVEL NITROPHENYLAZIRIDINE COMPOUNDS AND THEIR USE AS
PRODRUGS

TITLE (FRENCH): NOUVEAUX COMPOSES DE NITROPHENYLAZIRIDINE ET LEUR
EMPLOI COMME PRODRUGUE

INVENTOR(S): DENNY, William, Alexander;
ATWELL, Graham, John;
PALMER, Brian, Desmond;
WILSON, William, Robert

PATENT ASSIGNEE(S): CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED;
DENNY, William, Alexander;
ATWELL, Graham, John;
PALMER, Brian, Desmond;
WILSON, William, Robert

LANGUAGE OF PUBL.: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2000013683	A2	20000316

DESIGNATED STATES

W:

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY
KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG

APPLICATION INFO.: WO 1999-GB2956 A 19990907

PRIORITY INFO.: GB 1998-9819472.3 19980907

=> d ibib 3-4

L14 ANSWER 3 OF 4

ACCESSION NUMBER: 1998057662 PCTFULL ED 20020514
TITLE (ENGLISH): THERAPEUTIC SYSTEMS
TITLE (FRENCH): SYSTEMES THERAPEUTIQUES

INVENTOR(S) :	BURKE, Philip, John; KNOX, Richard, John
PATENT ASSIGNEE(S) :	ENZACTA R & D LIMITED; BURKE, Philip, John; KNOX, Richard, John
LANGUAGE OF PUBL.:	English
DOCUMENT TYPE:	Patent
PATENT INFORMATION:	

	NUMBER	KIND	DATE

DESIGNATED STATES	WO 9857662	A2	19981223
W:	CA GB JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE		
APPLICATION INFO.:	WO 1998-GB1731	A	19980615
PRIORITY INFO.:	GB 1997-9712370.7		19970614

L14	ANSWER 4 OF 4	PCTFULL	COPYRIGHT 2005 Univentio on STN
ACCESSION NUMBER:	1998024478	PCTFULL	ED 20020514
TITLE (ENGLISH):	TUMOUR THERAPY		
TITLE (FRENCH):	THERAPIE TUMORALE		
INVENTOR(S) :	BAGSHAW, Kenneth, Dawson		
PATENT ASSIGNEE(S) :	AEPACT LIMITED; BAGSHAW, Kenneth, Dawson		
LANGUAGE OF PUBL.:	English		
DOCUMENT TYPE:	Patent		
PATENT INFORMATION:			

	NUMBER	KIND	DATE

DESIGNATED STATES	WO 9824478	A2	19980611
W:	CA GB JP US AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE		
APPLICATION INFO.:	WO 1997-GB3284	A	19971128
PRIORITY INFO.:	GB 1996-9624993.3		19961130

=> d his